

ABSTRACT

An electrolyte for dye-sensitized solar cells, wherein an oxidation-reduction substance is carried by a vulcanized rubber, a phosphazene polymer, a porous body comprising a high molecular material which has a three-dimensional continuous network skeleton structure, or an EVA resin film. A dye-sensitized solar cell comprising dye-sensitized semiconductor electrodes 2, 3, a counter electrode 4 arranged at an opposed position to the electrodes, and an electrolyte 6 between the electrodes 2, 3 and the electrode 4. A solid electrolyte for dye-sensitized solar cells effective in improving the generation efficiency, durability, and safety of dye-sensitized solar cells and can be manufactured inexpensively.